

AMENDMENTS TO THE CLAIMS:

Please amend the claims as follows:

1. (Currently Amended) A thermoprocessable polymeric composition comprising ECTFE ethylene/chlorotrifluoroethylene copolymers ~~consisting essentially of~~ consisting of ethylene and chlorotrifluoroethylene monomers and containing from 0.5 to 20% by moles of ethylene, optionally in combination with the chlorotrifluoroethylene homopolymer, wherein the composition contains in total from 90 to 99.5% by moles of chlorotrifluoroethylene and from 0.5 to 10% by moles of ethylene; said polymeric composition having a second melting temperature (T_{mII}) higher than 185°C.

2. (Previously Presented) A composition according to claim 1, containing in total from 1 to 6% by moles of ethylene.

3. (Previously Presented) A composition according to claim 1, having a Melt Flow Index (M.I.) higher than 0.5 g/10'.

4. (Previously Presented) Compositions according to claim 1, comprising a nucleating agent.

5. (Previously Presented) Compositions of claim 4 consisting essentially of:

A) 50-99.9% by weight, preferably 70-95%, of the thermoprocessable polymeric composition;

B) 0.1-50% by weight of a nucleating agent, in the form of fine powder, having an average particle size lower than 50 micron, and a melting temperature higher than 250°C;

wherein said compositions are foamable.

6. (Previously Presented) Compositions according to claim 4, wherein the nucleating agent is selected from the group consisting of tetrafluoroethylene homopolymer (PTFE) or its copolymers having second melting temperatures higher than 250°C.

7. (Previously Presented) Compositions according to claim 5, wherein the nucleating agent B) is the tetrafluoroethylene homopolymer (PTFE) having a number average molecular weight lower than 1,000,000.

8. (Previously Presented) Compositions according to claim 6, wherein the TFE copolymers are selected from the TFE copolymers with perfluoroalkylvinylethers wherein the alkyl is a C1-C3, TFE copolymers with perfluorodioxoles, or TFE copolymers with hexafluoropropene (FEP), optionally containing perfluoroalkylvinylethers from 1 to 3 carbon atoms.

9. (Previously Presented) Compositions according to claim 5, wherein the nucleating agent B) is a polytetrafluoroethylene (PTFE) irradiated with gamma rays or electron beam.

10. (Previously Presented) Compositions according to claims 4-9, wherein the nucleating agent is used in an amount from 5 to 30% by weight.

11. (Previously Presented) Foamed molded articles and foamed coatings of electrical cables comprising the compositions according to claim 4.

12. (Previously Presented) A process to prepare the composition according to claim 1 by emulsion copolymerization of ethylene with chlorotrifluoroethylene (CTFE) comprising firstly charging all the CTFE in the reactor,

continuously feeding the ethylene until a partial CTFE conversion, then interrupting the ethylene feeding and continuing the polymerization until a substantial CTFE conversion.

13. (Previously Presented) The thermoprocessable polymeric composition of claim 1 wherein said polymeric composition has a second melting temperature (T_{mII}) higher than 200°C.

14. (Previously Presented) The composition of claim 2, containing in total from 1 to 6% by moles of ethylene.

15. (Previously Presented) The composition according to claim 3, having a Melt Flow Index (M.I.) measured according ASTH D1238 with a 10 kg load higher than 2.0 g/10'.

16. (Previously Presented) Foamable compositions according to claim 7, wherein the nucleating agent B) is the tetrafluoroethylene homopolymer (PTFE) having a number average molecular weight lower than 500,000.

17. (Previously Presented) Compositions according to claim 10, wherein the nucleating agent is used in an amount from 10 to 20% by weight.